

BHK SOLUTIONS KENYA LIMITED

# The Outdoor-Adapted Rollator

Chosen after international research. Proven through more than two years of real-world pilot use in Kenya.



## A mobility gap measured in hundreds of thousands

According to figures presented by Kenya's Ministry of Health at its meeting in late July 2026, the country faces a shortfall of approximately 550,000 wheelchairs. Thousands of the people counted in that figure do not in fact need a wheelchair. They can walk — but not safely, and not far, and not on the surfaces they actually live on.

For these people an outdoor-adapted rollator is the better answer: it keeps them walking, upright and independent, and it demonstrably works on unpaved paths, grass and rough ground where a standard indoor rollator or a wheelchair does not.

# 550,000

Wheelchair shortfall reported by Kenya's Ministry of Health, July 2026

# 2+ years

Continuous documented outdoor pilot use in Kenya



Pilot use on everyday Kenyan surfaces — unpaved paths, grass and uneven ground.

## Not designed for Kenya — chosen for Kenya, then proven here

BHK Solutions did not invent a new device. We searched international rehabilitation practice for a proven outdoor rollator, selected the model best suited to Kenyan conditions, and then put it through two real pilot programmes carried out via the Association for the Physically Disabled of Kenya (APDK) — one of them running for more than two years of daily outdoor use.

The result is evidence rather than marketing: after that period the frame, brakes and wheels remain in near-new condition.

- Large 28 cm polyurethane front wheels

Roll over gravel, grass and broken pavement instead of stopping at them.

- Lightweight aluminium frame, approx. 8.7-8.9 kg

Lifted into a matatu or family car by one person.

- Mechanical cable brakes

Serviceable with ordinary tools and common spare parts.

- Seat with backrest and basket

Rest anywhere; carry shopping, water or medicine.

- Folds to approx. 24 cm, detachable rear wheels

Stored in a small home, transported without a van.



Pilot user outside the APDK centre, Nairobi.

## Two pilots, real users, documented over time

Both pilot programmes were conducted via APDK, with rollators placed with real users and followed up by rehabilitation professionals. Feedback was collected from the users, their families and APDK staff.



Pilot user, APDK, Nairobi



Daily use at home on uneven ground

- Improved outdoor mobility and range for both users.
- Increased independence and confidence outside the home.
- Positive assessment by APDK rehabilitation professionals.
- Near-new mechanical condition after more than two years of use.

## Technical specifications

Lightweight aluminium frame,  $\approx 8.7 - 8.9$  kg, 28 cm polyurethane front wheels, folded width  $\approx 24$  cm, mechanical cable brakes, height-adjustable handles, seat with backrest, basket included, detachable rear wheels.

|                                                          |                                                             |
|----------------------------------------------------------|-------------------------------------------------------------|
| Frame weight<br>approx. 8.7 – 8.9 kg                     | Front wheels<br>28 cm polyurethane, high-quality bearings   |
| Rear wheels<br>Detachable via latch                      | Folded width<br>approx. 24 cm                               |
| Brakes<br>Mechanical cable brakes                        | Handles<br>Height-adjustable                                |
| Seat<br>Seat with backrest                               | Storage<br>Basket / bag included                            |
| Materials<br>Aluminium frame, replaceable standard parts | Servicing<br>Repairable by local workshops with basic tools |

Preparation for KEBS certification is under way ahead of formal commercial launch in Kenya.

# BHK Solutions Kenya Limited

A registered Kenyan company developing practical, evidence-based solutions to real societal challenges. Our first commercial initiative is active mobility across Kenya and, in time, East Africa.

WEBSITE

<https://bhksolutions.co.ke>

E-MAIL

[bhk@bhksolutions.co.ke](mailto:bhk@bhksolutions.co.ke)

LOCATION

Nairobi, Kenya